

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT MODIFICATION OF CLOSTRIDIAL TOXINS FOR USE AS TRANSPORT PROTEINS	ATTY. DOCKET NO. 17044DIV1 (AP)	SERIAL NO. Not Assigned
	APPLICANT Dolly, et al.	
	FILING DATE Submitted herewith	GROUP Not Assigned

1c564 U.S. PTO
09/676053
09/28/00

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS
										FILING DATE (IF APPROPRIATE)		
<i>RT</i>	AA	5	2	0	4	0	9	7	4/93	Amon et al		
<i>RT</i>	AB	4	5	9	4	3	3	6	6/86	Bizzini		
<i>RT</i>	AC	5	4	4	3	9	7	6	8/95	Carroll		
<i>RT</i>	AD	5	4	3	7	2	9	1	8/95	Pasricha et al		
<i>RT</i>	AE	5	5	1	2	5	4	7	4/96	Johnson et al		
<i>RT</i>	AF	5	5	6	2	9	0	7	10/96	Amon		
<i>RT</i>	AG	5	6	5	0	2	8	0	7/97	Stuart et al		
<i>RT</i>	AH	4	7	1	3	2	4	0	12/87	Wilkins et al		
<i>RT</i>	AI	5	5	9	9	5	3	9	2/97	Carroll et al		
<i>RT</i>	AJ	5	6	0	1	8	2	3	2/97	Williams et al		
<i>RT</i>	AK	5	7	1	9	2	6	7	2/98	Carroll et al		
<i>RT</i>	AL	5	7	2	1	2	1	5	2/98	Aoki et al		
<i>RT</i>	AM	5	5	8	5	1	0	0	12/96	Mond et al		
<i>RT</i>	AN	5	6	7	4	2	0	5	10/97	Pasricha et al		
<i>RT</i>	AO	5	7	6	2	9	3	4	6/98	Williams et al		
<i>RT</i>	AP	5	8	1	4	4	7	7	9/98	Williams et al		
<i>RT</i>	AQ	5	7	2	1	2	1	5	2/98	Aoki et al		
<i>RT</i>	AR	5	9	6	5	6	9	9	10/99	Schmidt et al		
<i>RT</i>	AS	5	7	3	6	1	3	9	4/98	Kink et al		
<i>RT</i>	AT	5	6	9	3	4	7	6	12/97	Scheller		
<i>RT</i>	AU	5	9	5	5	3	6	8	9/99	Johnson et al		
<i>RT</i>	AV	5	9	1	9	6	6	5	7/99	Williams		

EXAMINER

Robert Zeman

DATE CONSIDERED

6/6/05

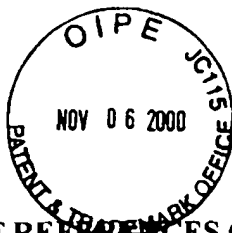
*EXAMINER: INITIAL IF CITATION CONSIDERED. WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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FOREIGN PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
RE	CA	9	4	2	1	3	0	0	9/29/94	PCT				
RE	CB	0	2	5	4	9	0	5	3/2/88	EPO				
RE	CC	9	4	0	0	4	8	7	1/94	WO				
EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)													
	DA	Li, Yan et al., "A Single Mutation in the Recombinant Light Chain of Tetanus Toxin Abolishes Its Proteolytic Activity and Removes the Toxicity Seen After Reconstitution with Native Heavy Chain" <i>Biochemistry</i> (1994), 33(22), 7044-20 GDBEN: Bichaw, ISSN: 0006-2960												
	DB	Fairweather, Neil F. et al., "Production of Biologically Active Light Chain of Tetanus Toxin in Escherichia Coli: Evidence for the Importance of the C-Terminal 16 Amino Acids for Full Biological Activity", <i>FEBS LETT.</i> (1992), 323(3), 218-22 GDBEN: FEBS, ISSN: 0014-5793, June, 1993, pp. 218-222.												
RE	DC	De Paiva et al., <i>J. Biol. Chem.</i> , 268:20838 (1993)												
RE	DE	Weller et al., <i>Eur. J. Biochem.</i> 182:649 (1989)												
	DF	Habenmann et al., <i>Naunyn-Schmiedeberg's Arch. Pharmacol.</i> 311:33 (1980)												
RE	DG	Bizzini et al, <i>Journal of Neurochemistry</i> , 1977, Vol. 28, pp. 529-542, "An Antigenic Polypeptide Fragment Isolated From Tetanus Toxin: Chemical Characterization, Binding To Gangliosides and Retrograde Axonal Transport in Various Neuron Systems"												
RE	DH	Dertzbaugh et al, <i>Vaccine</i> 14/6: 1538-44, 1996												
RE	DI	Thompson et al, <i>Eur. J. Biochem.</i> 189:73-81, 1990												
RE	DJ	Kozaki et al, <i>Microbiol. Immunol.</i> 39/ 10: 767-774, 1995												
	DK	Binz et al JBC, 265/18: 9153-9158, 1990												
	DL	Wadsworth et al, <i>Biochem. J.</i> , 260: 123-128, 1990												
RE	DM	Pellizzari et al, <i>Phil. Trans. R. Soc. Lond.</i> 354: 259-268, 1999												
	DN	Denier-Holgate et al, <i>J. Neurosci. Res.</i> 44: 263-274, 1996												
	DO	Dolly, Gov't. Reports Announcements & Index (GRA&I) Issue 07, entire report, 1989												
	DP	Poulsen et al, <i>Advances in Organ Biology</i> Vol. 2: 285-313, 1997												
EXAMINER										DATE CONSIDERED				
Robert Zucra										6/6/05				
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LIST OF REFERENCES CITED BY APPLICANT

ATTY. DOCKET: 17044DIV1(AP)	SERIAL NO.: 09/676,053
APPLICANT: Dolly et al	TITLE: MODIFICATION OF CLOSTRIDIAL TOXINS FOR USE AS TRANSPORT PROTEINS
FILING DATE: 9/28/2000	GROUP: Not assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE (if applicable)

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION (yes/no)
<i>PC</i>	CD	00/33880	6/15/2000	WO	<u> </u>	<u> </u>	<i>NO</i>

OTHER REFERENCES

(Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER

Robert Zeman

DATE CONSIDERED

6/6/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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